II. CLAIM AMENDMENTS

1-19. (Cancelled)

20. (New) Electro-optical connector module comprising an optical connection section for receiving and/or transmitting optical signals, at least one optical transmitter circuit and/or optical receiver circuit and at least one electro-optical converter for respectively converting electrical signals into optical signals or vice versa, the module comprising at least two substantially flat and substantially parallel electrically insulating sheets on which the transmitter circuit and/or receiver circuit and the converter are mounted, said module further comprises an electrical connection section for receiving and/or transmitting electrical signals and wherein said electrically insulating sheets extend in a direction between said electrical connection section and said optical connection section.

21. (New) Electro-optical connector module according to claim 20, comprising at least one optical transmitter circuit, at least one optical receiver circuit and at least two electro-optical converters for respectively converting electrical signals into optical signals and vice versa, wherein the optical transmitter circuit and a first converter are mounted on a first sheet and the optical receiver circuit and a second converter are mounted on a second sheet.

22. (New) Electro-optical connector module according to claim 20, wherein the sheets are connected by means for a flexible sheet material.

23. (New) Electro-optical connector module according to claim 22, which comprises a least three substantially flat and substantially parallel electrically insulating sheets that are substantially square or rectangular and wherein the first and the second sheet are connected to adjacent sides of the third sheet by means of a flexible sheet material.

24. (New) Electro-optical connector module according to claim 22, wherein a component for optical input and/or output is provided on the connecting flexible sheet material and wherein the connecting flexible sheet material can also comprise a rigid part.

25. (New) Electro-optical connector module according to claim 20, which comprises a hood capable of shielding said module against electromagnetic interference.

26. (New) Electro-optical connector module according claim 20, wherein the connection part comprises a housing of an insulating material for accommodating one or more contact elements and wherein the sheets are attached to the said housing.

27. (New) Electro-optical connector module according to claim 26, wherein the housing comprises building blocks to which a sheet is attached.

28. (New) Method of making an electro-optical connector module comprising an electrical connection section for receiving and/or transmitting electrical signals and an optical connection section for receiving and/or transmitting optical signals, and at least two substantially flat and substantially parallel electrically

insulating sheets that are connected by means of a flexible sheet material, which method comprises the steps of mounting at least one optical transmitter circuit and/or optical receiver circuit and at least one electro-optical converter for respectively converting electrical signals into optical signals or vice versa on the sheets, folding the sheets and fixing the position of the sheets with respect to one another.

29. (New) Method according to claim 28, wherein the electrical connection section comprises a housing of an insulating material for accommodating one or more contact elements, which housing comprises building blocks and wherein at least some of the building blocks are attached to corresponding sheets prior to the folding of the sheets.